



BILL OF MATERIAL*		
ITEM	QTY	DESCRIPTION
1	1	16'-6" L.H. SWITCH POINT EXTENDED TO 34'-3"
2	1	16'-6" R.H. SWITCH POINT EXTENDED TO 34'-3"
3	1	34'-8" L.H. RBM FROG
4	1	26'-0" FROG GUARD RAIL
5	1	15'-0" FROG GUARD RAIL
6	1	58'-6" STRAIGHT STOCK RAIL
7	1	39'-6" BENT STOCK RAIL
8	2	39'-0" IJ-BONDS

NO. 10 TURNOUT SPECIFICATIONS	
FROG NUMBER	10
FROG ANGLE	5°-43'-29"
FROG LENGTH	28'-0"
LENGTH OF SWITCH POINT	29'-11"
ENTRY ANGLE	1°-44'-11"
VERTEX DISTANCE	8 1/4"
ACTUAL LEAD	80'-3 5/8"
CENTERLINE RADIUS	749.7539'
DEGREE OF CURVE	7°-38'-31"

NOTES:  
 NEW INSTALLATION OF TURNOUT REQUIRES A MINIMUM OF 6" OF CLEAN BALLAST UNDER THE TIES.

FOR SPRING SWITCH INSTALLATIONS, TIE SPACING UNDER POINTS SHOULD BE 21", 17", 19", 18", 19", 4 AT 22.5", AND 9" TO END OF SWITCH POINTS TO AFFORD CLEARANCE REQUIRED FOR SWITCH ROD 3.

IN CWR APPLICATIONS, ANCHOR EVERY TIE FOR 200' IN EACH DIRECTION.

OFFICE OF WATCO ENGINEERING - DESIGN

APPROVED BY:

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WATCO  
 ENGINEERING STANDARDS  
 TYPICAL NO. 10 TURNOUT  
 HEAVY TRAFFIC LINES & INDUSTRY LEADS

SECTION NO. 5000

STANDARD DRAWING ENG. 5000.102

REVISION REV-01 SHEET NO. 01 OF 02

SCALE NTS

